

Date: Fri, 4 Jun 93 11:10:55 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #682  
To: Info-Hams

Info-Hams Digest                      Fri, 4 Jun 93                      Volume 93 : Issue 682

Today's Topics:

                    \* SpaceNews 07-Jun-93 \*  
                    2810 Frequency Counter  
50Mc. E-SKIP OPENING to CUBA/C02KK 6/4/93 GMT or Thur eve local!  
      [Q] oper. rules for 49mhz "Part 15". Unlicensed?  
          ft530 rubber resistor: tuned low?  
                    help  
                    Mixers (not eggbeaters)  
                    More on the Radio Shack HTX202  
                    ORBS\$156.2liners  
                    PL-259 seal  
      reposting (selectively) to local server ?  
          Teletype Corp. (4 msgs)  
          Thanks for the info  
          TS-430 problem T/R relay?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 4 Jun 93 16:11:59 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \* SpaceNews 07-Jun-93 \*  
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0607  
\* SpaceNews 07-Jun-93 \*

BID: \$SPC0607

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SpaceNews  
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MONDAY JUNE 7, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

★ ARSENE NEWS ★

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This is the official announcement by Radio Amateur Club de l'Espace that ARSENE satellite is open for mode S traffic starting Tuesday June 1st, 1993. Linear transponder uplink frequency is 435.100 MHz +/- 8 KHz. Downlink frequency is centered on 2446.54 MHz. All modes can be used: CW, SSB, etc... Any report of a QSO via ARSENE is welcome. The Doppler effect can shift the downlink frequency by a few KHz. The suggested procedure is to find the actual frequency of the 2446.47 MHz beacon and then make the correction to find the downlink frequency. Uplink power should not exceed 500 W to 1KW EIRP as there is a strong AGC into the UHF receiver. Mode S should remain open until the next announcement.

The VHF telemetry is OFF because ARSENE team is studying the thermal and energy budgets of mode S while the satellite is inclined at 45 degrees. At the same time, serious investigations are starting to try to understand why VHF packet mode is not working. It is hoped that some actions will be suggested after these investigations.

The keplerian elements for ARSENE are correct in the last AMSAT bulletin and are repeated here.

ARSENE

1	22654U	93 56	B	93145.000000000	.000000000	00000-0	00000-0 0	85
2	22654	1.0950	130.8800	2939760	137.2680	355.5380	1.42273540	242

Satellite: ARSENE

Catalog number: 22654

Epoch time: 93145.00000000

Element set: 8

Inclination: 1.0950 deg

RA of node: 130.8800 deg

Eccentricity: 0.2939760

Arg of perigee: 137.2680 deg

Mean anomaly: 355.5380 deg

Mean motion: 1.42273540 rev/day

Decay rate: 0.0000e+00 rev/day^2  
Epoch rev: 24  
Checksum: 214

[Info via Bernard Pidoux, F6BVP]

★ AMSAT-OSCAR-13 NEWS ★

=====

L QST \*\*\* AO-13 TRANSPONDER SCHEDULE \*\*\* 1993 May 31 ->

Mode-B : MA 0 to MA 256 This is a temporary schedule

Omnis : MA 250 to MA 60 while magnetorquing from 210/0  
to 120/0 is in progress. When

the Sun angle degrades the ON period will be shortened to  
about 160 MA counts centred on best squint, and possibly to  
55 MA counts during the poorest Sun angle. Please monitor the  
beacon for the latest information. JRM/PG/GRR

M de G3RUH 1993 May 31. Magnetorquing to ALON/ALAT 120/0 via  
180/15, 160/15 has commenced. This is a large and slow re-  
orientation, as perigee eclipses steal 50% of each torquing  
session, and so will take about 10 days. Transponder  
performance will sometimes be poor. Magnetorquing is not an  
exact science, and when the Sun angle reaches more than the  
target maximum of 40 degrees, the mode-B transponder will have  
to be restricted to 55 MA counts for a few orbits. 73 James.

N QST 1993 May 31. The transmitter section of Oscar-13's mode-L  
transponder appears to have stopped working. No cause has been  
established for this. The AGC and Power Output telemetry  
both read #FF, and the TX temperature is as per an off  
condition. It has exciter power, but possibly not PA power.  
Fortunately the mode-L receiver works fine; in conjunction with  
mode-S telemetry provides a greatly superior command link than  
does mode-B. Thinking continues. 73 G3RUH/DB20S/VK5AGR.

★ MIR NEWS ★

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G3BGM has had several recent conversations with the Mir cosmonauts  
who report they have changed frequencies from 145.550 MHz to 145.850 MHz  
after much searching for a less congested frequency.

However, it should be pointed out that the new frequency of 145.850 MHz  
is within several OSCAR satellite uplink and downlink passbands, so  
caution should be exercised when communicating with the Mir cosmonauts  
of their new frequency.

In other news, sources indicate that tape recordings made in Mir of Amateur Radio contacts with ground stations have been played over Moscow Radio.

[Info via G3RWL]

\* AMATEUR RADIO NEWS \*

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On May 7 Joint Resolution S.J. 90 was introduced in the U.S. Senate by Sen. Charles Robb of Virginia. It's a bill recognizing the achievements of radio amateurs.

Robb, saying that words without deeds are empty, went further. The resolution, supporting amateurs "as national policy," urges "adoption of rules and regulations that encourage the use of new technologies within the Amateur Radio Service."

It also "urges that any regulations which are necessary at any level of government be crafted in ways that facilitate and encourage amateur radio operation as a public benefit ... without limiting the decision-making capability of any agency -- local, State or Federal.

Robb was joined in introducing the resolution by Senators Akaka of Hawaii, DeConcini of Arizona, Pressler of South Dakota, and Shelby of Alabama.

Robb noted amateurs' dedicated public service during communications emergencies, their "expertise" as "technical innovators," and their development of "practical and affordable alternatives to complicated expensive new equipment from the laboratories."

The resolution also cites amateurs' pioneering work in satellite communications and "low-cost, practical data transmission by radio."

The resolution urges the FCC to adopt rules and regulations to "encourage the use of new technologies within the amateur radio service," and says "reasonable accommodation should be made for the effective operation of amateur radio from residences, private vehicles and public areas, and that regulation at all levels of government should facilitate and encourage amateur radio operation as a public benefit."

[Info via ARRL Headquarters]

\* THANKS! \*

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Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

N1MDZ W2UH LU6FRT N6BIS AF9A Jon A. Dainty

\* FEEDBACK/INPUT WELCOMED \*

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107  
UUCP : ...catfish.ocpt.ccur.com!ka2qhd!kd2bd  
PACKET : KD2BD @ NN2Z.NJ.USA.NA  
INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD  
Department of Engineering and Technology  
Advanced Technology Center  
Brookdale Community College  
Lincroft, New Jersey 07738  
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD \* /\ /\ \* Voice : 1-908-224-2948  
Advanced Technology Center |/\ /\ /\ | Packet : KD2BD @ NN2Z.NJ.USA.NA  
Brookdale Community College |/\ /\ /\ | Internet: kd2bd@ka2qhd.ocpt.ccur.com  
Lincroft, NJ 07738 \* /\ /\ \* Morse : -. -.. ..--- -... -..

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Date: 4 Jun 1993 14:50:54 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!eddie.mit.edu!europa.eng.gtefsd.com!slc20!wwhitby@network.UCSD.EDU  
Subject: 2810 Frequency Counter  
To: info-hams@ucsd.edu

Does anyone have any experience, good or bad, with Optoelectronics' 2810 frequency counter? Please e-mail me your replies.

Thanks,

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Warren Whitby wwhitby@mtgy.gtegsc.com  
GTE Government Systems  
x5459

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| For God so loved the world that he gave his only begotten son, that |  
| whosoever believeth in Him should not perish, but have everlasting |  
life (John 3:16)

-----  
Date: Fri, 4 Jun 1993 12:47:28 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!emory!  
sol.ctr.columbia.edu!NewsWatcher!user@network.UCSD.EDU  
Subject: 50Mc. E-SKIP OPENING to CUBA/C02KK 6/4/93 GMT or Thur eve local!  
To: info-hams@ucsd.edu

Good signals and in long time MD/VA hear to C02KK in Cuba. He was also  
listening on 144.300 as thought 2 was open also. No symptoms here of 2 E! 6  
Meters seems to be responding to Coronal hole effects! No known 2 mtr E so  
far. Dick

If you enjoy Ham Radio, Fruit trees and exotic fruit, and photos from 1800s  
as well as old cameras and oriental cultural things, then you are a  
potential friend, so contact me. W1DGA on HF, 2M SSB, 6M SSB, 432 & 1296 SSB.  
Researching family names: Bolt; Barkwill/Balkwill/Buckwill  
/Barkwell(England/Canada/USA); Gagnon; Garrah(Canada); Bowman; Cross; Fishleigh; Rockey  
(England). Clark and Buxton on other side.

-----  
Date: Fri, 4 Jun 1993 15:19:15 GMT  
From: usc!howland.reston.ans.net!torn!watserv2.uwaterloo.ca!watserv1!mks.com!  
richw@network.UCSD.EDU  
Subject: [Q] oper. rules for 49mhz "Part 15". Unlicensed?  
To: info-hams@ucsd.edu

Ron Natalie wrote:

> but what is this 49 MHZ Part 15 ?

These are low power no-license required radios. They're  
frequently things like kids walkie talkies, little boom  
mike vox handsets, and things like my MAXON hands-free  
communicators.

Also, baby monitors, wireless remotes for auto alarms, and cordless  
telephones (the latter use 49.xxx MHz for the handset and 46.xxx MHz  
for the base unit).

Interference problems can occasionally arise with these units. For example, I have trouble deactivating my car alarm when I'm at home, because neighbors down the street apparently have a baby monitor set to the same frequency (thus desensitizing my alarm receiver's front end). I haven't yet managed to conclusively identify which neighbors, and even if I do there is no guarantee that I'll be able to convince them to switch their baby monitor to another frequency. :-{

--

Rich Wales <richw@mks.com> // Mortice Kern Systems Inc.  
35 King St. N. // Waterloo, Ontario, Canada N2J 2W9 // +1 (519) 884-2251

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Date: Fri, 4 Jun 1993 13:14:45 GMT  
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!  
marcbg@network.UCSD.EDU  
Subject: ft530 rubber resistor: tuned low?  
To: info-hams@ucsd.edu

Okay - once again, for those of you who missed it:

Yeasu admits that the FT530 antenna is very inefficient and is offering the superior FT470 to any 530 owners who can produce proof of purchase. Just call Yeasu at 310-404-2700 and get the Amateur Parts department.

Repeating - the antenna IS a poor design, Yeasu admits it, and is replacing it for no charge to the asking.

73

de Marc, N5MEI

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Date: 4 Jun 93 12:16:34 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: help  
To: info-hams@ucsd.edu

help

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Date: Fri, 04 Jun 1993 14:17:06 GMT  
From: yuma!galen@purdue.edu  
Subject: Mixers (not eggbeaters)  
To: info-hams@ucsd.edu

Get the Mini-Circuits "RF/IF Designer's Handbook" from:  
Mini-Circuits 800-654-7949  
Box 350166  
Brooklyn, NY 11235-0003

You can get it free if they think you work for a commercial interest.

The mixers within are far better and cheaper than something you could make at home. The cheapest I can find is the SCM-1, covers 1-500 MHz and costs \$4.25.

Galen Watts, KF0YJ

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Date: Fri, 4 Jun 93 15:02:10 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!caen!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!adec23!mark@network.UCSD.EDU  
Subject: More on the Radio Shack HTX202  
To: info-hams@ucsd.edu

donrm@sr.hp.com (Don Montgomery) writes:

>The HTX202 is proving to be a pretty popular radio. It well should be,  
>it was selling at a super price during Radio Shack's sale of a week or  
>so ago.

It is still selling for \$259.95CAN (about \$1.59US :- ) here in Canada, for weeks to come! A Great Bargain

>However, as others mentioned previously on the net, I found a few undocumented "features" in my HTX202 and others I've tried out.

These were more like bugs, but heh! Fine article, looks like you did a fair amount of playing with the rig to find these!

Ciao, 73 de VE6MGS/Mark -sk-

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Date: 4 Jun 93 16:28:15 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ORBS\$156.2liners  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-156.N



2Line Orbital Elements 156.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT  
FROM N3FKV HEWITT, TX June 5, 1993  
BID: \$ORBS-156.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83 58 B 93147.73974982 -.00000064 00000-0 99999-4 0 9983  
2 14129 27.0796 23.5421 6018438 84.7711 336.9880 2.05882075 74842

UO-11

1 14781U 84 21 B 93147.52345726 .00000323 00000-0 59142-4 0 4172  
2 14781 97.8118 174.8356 0013123 64.1574 296.0984 14.68990343493683

RS-10/11

1 18129U 87 54 A 93153.79282451 .00000088 00000-0 89554-4 0 6183  
2 18129 82.9254 249.2467 0011957 5.1972 354.9292 13.72317788297878

AO-13

1 19216U 88 51 B 93149.40959272 -.00000145 00000-0 -11117-2 0 6065  
2 19216 57.7954 314.0057 7236776 316.2224 5.0964 2.09722369 37965

FO-20

1 20480U 90 13 C 93153.12581452 -.00000001 00000-0 26096-4 0 4473  
2 20480 99.0355 12.1669 0541086 120.7370 244.8174 12.83219903155386

AO-21

1 21087U 91 6 A 93154.80008983 .00000085 00000-0 82656-4 0 7758  
2 21087 82.9436 62.7406 0036974 59.6188 300.8597 13.74519311117605

RS-12/13

1 21089U 91 7 A 93154.43080501 .00000033 00000-0 29245-4 0 4065  
2 21089 82.9211 292.3173 0030629 81.7994 278.6633 13.74022755116638

UO-14

1 20437U 90 5 B 93154.77719109 .00000077 00000-0 37665-4 0 7536  
2 20437 98.6135 239.1965 0010363 220.0318 140.0100 14.29773394175518

AO-16

1 20439U 90 5 D 93154.70785204 .00000084 00000-0 40598-4 0 5580  
2 20439 98.6208 240.0024 0010524 219.7818 140.2593 14.29833259175512

DO-17

1 20440U 90 5 E 93154.76855880 .00000108 00000-0 49655-4 0 5609  
2 20440 98.6215 240.2709 0010597 216.9842 143.0609 14.29969230175530

WO-18

1 20441U 90 5 F 93154.17807336 .00000081 00000-0 39262-4 0 5623  
2 20441 98.6208 239.7100 0011189 224.0396 135.9896 14.29948829175453

LO-19

1 20442U 90 5 G 93155.23035092 .000000086 00000-0 40852-4 0 5592  
 2 20442 98.6214 240.9263 0011584 220.3645 139.6679 14.30038583175617  
 U0-22  
 1 21575U 91 50 B 93147.70207889 .00000109 00000-0 44019-4 0 2579  
 2 21575 98.4732 224.1375 0007715 8.6274 351.5042 14.36826073 97721  
 K0-23  
 1 22077U 92 52 B 93142.15108723 -.000000000 00000-0 99999-4 0 1039  
 2 22077 66.0767 18.6936 0006198 199.5106 160.5677 12.86277980 36494  
 ARSENE  
 1 22654U 93 56 B 93145.000000000 .000000000 00000-0 00000-0 0 0085  
 2 22654 1.0950 130.8800 2939760 137.2680 355.5380 1.42273540 242  
 NOAA-9  
 1 15427U 84123 A 93154.34594049 .00000151 00000-0 90258-4 0 3806  
 2 15427 99.1020 194.2887 0014495 204.9092 155.1402 14.13519483436820  
 NOAA-10  
 1 16969U 86 73 A 93154.51623952 .00000165 00000-0 78889-4 0 2225  
 2 16969 98.5161 169.9330 0013512 0.6138 359.5055 14.24806610348687  
 MET-2/17  
 1 18820U 88 5 A 93145.21073714 .000000070 00000-0 56453-4 0 8709  
 2 18820 82.5414 217.1831 0015871 186.6932 173.4018 13.84684748268660  
 MET-3/2  
 1 19336U 88 64 A 93151.25005189 .000000044 00000-0 99999-4 0 423  
 2 19336 82.5372 233.9224 0017086 132.5817 227.6750 13.16958949232983  
 NOAA-11  
 1 19531U 88 89 A 93154.43088172 .00000179 00000-0 11678-3 0 1284  
 2 19531 99.1303 129.9526 0012491 114.5368 245.7096 14.12881805241733  
 MET-2/18  
 1 19851U 89 18 A 93153.19134007 .000000058 00000-0 46522-4 0 8081  
 2 19851 82.5193 86.8802 0012847 212.8671 147.1709 13.84334299215110  
 MET-3/3  
 1 20305U 89 86 A 93154.58302408 .000000043 00000-0 99999-4 0 7166  
 2 20305 82.5544 174.4700 0016885 146.6823 213.5365 13.16020883173313  
 MET-2/19  
 1 20670U 90 57 A 93153.08263403 .000000027 00000-0 18661-4 0 5602  
 2 20670 82.5468 150.3868 0016344 127.6242 232.6384 13.84175103148030  
 FY-1/2  
 1 20788U 90 81 A 93155.04995886 -.000000094 00000-0 -50766-4 0 5703  
 2 20788 98.8700 181.7481 0015750 344.8817 15.1877 14.01322201140743  
 MET-2/20  
 1 20826U 90 86 A 93153.20794374 .000000060 00000-0 49475-4 0 5656  
 2 20826 82.5247 88.3087 0014923 33.8974 326.3187 13.83548595135218  
 MET-3/4  
 1 21232U 91 30 A 93141.90728851 .000000043 00000-0 99999-4 0 3643  
 2 21232 82.5463 86.3257 0019157 92.5022 267.8293 13.16821932 99869  
 NOAA-12  
 1 21263U 91 32 A 93154.30865406 .000000231 00000-0 12145-3 0 5823  
 2 21263 98.6573 184.6400 0011899 254.3978 105.5891 14.22265827106671  
 MET-3/5

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1 21655U 91 56 A 93154.59958509 .00000043 00000-0 99999-4 0 4252
2 21655 82.5541 24.1148 0014574 62.2740 297.9862 13.16821362 86637
MIR
1 16609U 86 17 A 93154.91040542 .00007512 00000-0 96658-4 0 1109
2 16609 51.6212 286.1316 0001156 50.0711 310.0023 15.59284240417062
HUBBLE
1 20580U 90 37 B 93154.24809788 .00000967 00000-0 84370-4 0 1082
2 20580 28.4697 154.0786 0004652 255.1097 104.9081 14.92693660169432
GRO
1 21225U 91 27 B 93154.98425907 .00033364 00000-0 22141-3 0 9034
2 21225 28.4629 32.7991 0003644 237.7616 122.2671 15.73952702123171
TUBSAT
1 21577U 91 50 D 93147.74759600 .00000081 00000-0 34473-4 0 2570
2 21577 98.4738 223.7765 0007171 7.3376 352.7914 14.36374879 97703
SARA
1 21578U 91 50 E 93149.24812068 .00000482 00000-0 17153-3 0 4286
2 21578 98.4789 226.8165 0005157 9.3652 350.7629 14.38423746 98004
UARS
1 21701U 91 63 B 93122.53196977 .00002451 00000-0 23423-3 0 2468
2 21701 56.9874 4.4971 0004735 74.4314 285.7213 14.96616599 89460
FREJA
1 22161U 92 64 A 93149.25149319 .00000110 00000-0 76401-4 0 1337
2 22161 63.0040 183.6237 0770428 281.1686 70.3724 13.21640389 31056
/EX

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Date: 4 Jun 1993 07:22 EDT  
From: usc!math.ohio-state.edu!caen!msuinfo!uchinews!cs.umd.edu!  
skates.gsfc.nasa.gov!nssdca.gsfc.nasa.gov!stocker@network.UCSD.EDU  
Subject: PL-259 seal  
To: info-hams@ucsd.edu

In article <C8263o.Iy1@srgenprp.sr.hp.com>, alanb@sr.hp.com (Alan Bloom) writes...  
>Jeffrey D. Angus (jangus@skyld.tele.com) wrote:  
>  
>: In article <yN7F5B3w165w@jackatak.raider.net> martinbw@jackatak.raider.net  
writes:  
>  
>: > I am trying to seal up a couple of PL-259 connectors. I am using  
>: > a tube of General Electric Silicon Dielectric Compound. The label  
>  
>: Bad idea, this stuff is hygroscopic. It will appear to work for awhile,  
>: but then it starts absorbing water.  
>  
>: Silicon rubber works, but it is slightly acidic and will slowly eat the  
>: metal. Best bet is to buy the expensive silicon rubber potting compound

>...

>

>I dunno, I always just use black vinyl electrical tape. Stretch it as you  
>apply it so it makes a good watertight seal and use plenty -- cover the  
>entire connector and an inch or two of the coax. I've never had a  
>corrosion problem with that method. And it comes off without much mess.

>

>AL N1AL

>

I've heard that shrink tubing is good to use for sealing off the connection.  
However, heard from an "expert" that it would be better to use the silicon  
rubber potting compound and then use the shrink tubing.

Erich  
N30XM

-----  
Date: 4 Jun 93 14:32:30 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: reposting (selectively) to local server ?  
To: info-hams@ucsd.edu

Date sent: 4-JUN-1993 09:30:27  
I am interested in locally reposting (selectively) some of the material in  
the infohams digest. I understand that much is inappropriate, etc, but  
some of the technical and/ or informative material is of interest here.  
Who do I ask?  
Please respond directly to me unless you think that this should be  
discussed on the broader list.

..Darrell

~~~~~  
Darrell G. Leavitt  
SUNY Empire State College (ESC)    ESC VAX: DLEAVITT  
403 Sibley Hall                    Internet: DLEAVITT@SNYESCVA.ESC.EDU  
Plattsburgh, New York, USA,12901    INTERNET: LEAVITDG@SPLAVA.CC.PLATTSBURGH.EDU  
PHONE        : (518) 564-2837        AX25/AMATEUR  
BitNet       : LEAVITDG@SNYPLAVA      PACKET: N2IXL @ KD2AJ.#NENY.NY.USA.NA  
Latitude: 44 41 58 N                Longitude: 73 27 12 W  
~~~~~

Date: 4 Jun 93 15:53:08 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Teletype Corp.  
To: info-hams@ucsd.edu

Teletype (which was owned by Western Electric/AT&T) was sold off some years ago during the beginnings of divestiture. An unaffiliated company (with respect to AT&T) maintained "Teletype " spares etc. for a number of years, and may not even exist today. There is an outfit in Florida called Tapetronics that does sell teletype parts and paper supplies. Western Electric is now called AT&T Technologies. Gud luck if ur looking for Teletype parts. Also, the model 43 and related machines were the last of the "Teletype" machines to be made under the Teletype name and to the best of my knowledge are no longer manufactured.

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Date: 4 Jun 93 17:19:50 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Teletype Corp.  
To: info-hams@ucsd.edu

Teletype (which was owned by Western Electric/AT&T) was sold off some years ago during the beginnings of divestiture. An unaffiliated company (with respect to AT&T) maintained "Teletype " spares etc. for a number of years, and may not even exist today. There is an outfit in Florida called Tapetronics that does sell teletype parts and paper supplies. Western Electric is now called AT&T Technologies. Gud luck if ur looking for Teletype parts. Also, the model 43 and related machines were the last of the "Teletype" machines to be made under the Teletype name and to the best of my knowledge are no longer manufactured.

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Date: 4 Jun 93 14:14:42 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Teletype Corp.  
To: info-hams@ucsd.edu

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Date: 4 Jun 93 14:48:52 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Teletype Corp.  
To: info-hams@ucsd.edu

Teletype (which was owned by Western Electric/AT&T) was sold off some years ago during the beginnings of divestiture. An unaffiliated company (with respect to AT&T) maintained "Teletype " spares etc. for a number of years, and may not even exist today. There is an outfit in Florida called Tapetronics that does sell teletype parts and paper supplies. Western Electric is now called AT&T Technologies. Gud luck if ur looking for Teletype parts. Also, the model 43 and related machines were the last of the "Teletype" machines to be made under the Teletype name and to the best of my knowledge are no longer manufactured.

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Date: 4 Jun 1993 07:24 EDT  
From: usc!math.ohio-state.edu!caen!msuinfo!uchinews!cs.umd.edu!  
skates.gsfc.nasa.gov!nssdca.gsfc.nasa.gov!stocker@network.UCSD.EDU  
Subject: Thanks for the info  
To: info-hams@ucsd.edu

A couple of days ago, I posted a request for suggestions on soldering coax connectors. I had planned to thank people individually. However, I got such a large and useful response, I thought that it would be easier to thank all of you that sent me the tips.

Erich  
N3OXM

-----  
Date: 4 Jun 93 12:23:33 EST  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: TS-430 problem T/R relay?  
To: info-hams@ucsd.edu

In article <1993Jun3.213059.22175@sequent.com>, dale@sequent.com (Dale Mosby) wrote:

> I have a Kenwood TS-430 which has recently developed a problem. Often  
> when I unkey the mic the recieved audio is very weak. Hitting the PTT  
> again once or twice returns the audio to normal. A friend mentioned  
> that this was a "well known" problem. Anyone heard of this and know of  
> a simple fix. Time is scarce before Field Day, but if there is a simple

> fix I would like the radio as a backup on Field Day.

Dale-

I had my TS-430 for nearly 10 years, and never had this problem. I suppose it is one of those things that comes with old age, however.

I recall reading of a problem that may be related. The owner found that one of the DIN connectors for use with a transverter, had an internal switch that had developed dirty contacts. By inserting the appropriate DIN connector several times, the contacts cleaned up, and the problem went away. From your description, this would be a good thing to try.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

-----  
Date: Thu, 3 Jun 1993 03:40:43 GMT  
From: elroy.jpl.nasa.gov!usc!wupost!gumby!destroyer!vela.acs.oakland.edu!w8hd!  
kenh@ames.arpa  
To: info-hams@ucsd.edu

References <C7xEB2.I7G@olwejo.UUCP>, <nagleC7zAqH.AHw@netcom.com>,  
<C801w3.2EB@ucdavis.edu>p  
Subject : Re: Warning! FT5200 DANGER!

ez006683@othello.ucdavis.edu (Daniel D. Todd) writes:

>I think a more appropriate question might be regarding the legality of  
>using 49Mhz as the link frequency anyway. This is not acting as an  
>amateur repeater because the mike to radio link is in a non-amateur band.  
>If I remember correctly the FCC doesn't like the relaying of non-amateur  
>transmissions over our bands with the exception of shuttle ops with the  
>authorization of NASA. Is there another exemption for 49Mhz?

I believe the 49 MHz link is being utilized under a Part 15 exemption, Dan.

KWH

--

kenh@w8hd.org

Ken Hoehn - Teletech, Inc.

Compuserve: 70007,2374

N8NYO

P.O.Box 924

FAX: (313) 562-8612

Dearborn, MI 48121

VOICE: (313) 562-6873

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Date: Fri, 4 Jun 1993 13:58:09 GMT  
From: usc!elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!hermes.chpc.utexas.edu!  
news.utdallas.edu!feenix.metronet.com!marcbg@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <C7ooJL.38t@ve3ppe.isis.org>, <C83BIG.ICt@hpqmoea.sqf.hp.com>,  
<C83M4L.B8s@feenix.metronet.com>a  
Subject : Re: ft530 rubber resistor: tuned low?

In article <C83M4L.B8s@feenix.metronet.com> marcbg@feenix.metronet.com (Marc Grant) writes:

>  
>Okay - once again, for those of you who missed it:  
> Yeasu admits that the FT530 antenna is very inefficient and is  
> offering the superior FT470 to any 530 owners who can produce  
                    ^^^^^^  
                    FT470 antenna, that is.  
> proof of purchase. Just call Yeasu at 310-404-2700 and get  
> the Amateur Parts department.  
>  
> Repeating - the antenna IS a poor design, Yeasu admits it, and  
> is replacing it for no charge to the asking.  
>  
>73  
>  
>de Marc, N5MEI

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|Marc B. Grant, N5MEI                  Internet: marcbg@feenix.metronet.com  
|P.O. Box 850472                      Telephone: 214-231-3998 (voice)  
Richardson, TX 75085-0472             214-231-0025 (fax)

End of Info-Hams Digest V93 #682  
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